

Converting Colors

$Yxy(49.7085, 0.3182, 0.2266)$

Have a look what the booklet for
Yxy(49.7085, 0.3182, 0.2266)
contains.

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Color

Yxy(49.5956, 0.3184, 0.2265)

Conversions

Conversions Part 1

Format	Color
Hex	FF94FE
RGB	255, 148, 254
RGB Percent	100%, 58%, 100%
CMY	0.0000, 0.4196, 0.0040
CMYK	0.00, 0.42, 0.00, 0.00
HSL	301°, 100%, 79%
HSV	301°, 42%, 100%
XYZ	69.7185, 49.5956, 99.6510
YIQ	192.0770, 29.7460, 55.6500

Conversions

Conversions Part 2

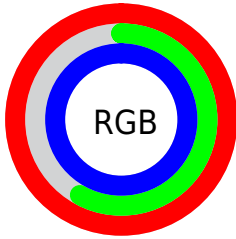
Format	Color
R _{YB}	255, 148, 254
Decimal	16749822
CIE Lab	75.82, 55.15, -35.87
CIE LCh	76, 65.788, 326.961
Yxy	49.5956, 0.3184, 0.2265
Android (android.graphics.Color)	4294939902 (0xFFFF94FE)
YUV	192.0770, 30.5280, 55.1835
Hunter-Lab	70.4241, 53.4692, -34.5992

Details

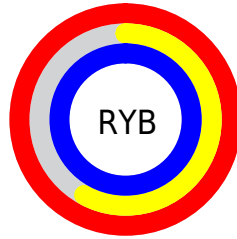
The Yxy color **49.5956, 0.3184, 0.2265** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **79.9871, 0.3061, 0.4585**, and the grayscale version is **52.5656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6657, 0.3151, 0.2792**, and **23.7724, 0.3174, 0.2048** is the 20% darker color. If you saturate the color by 10%, you get **42.4431, 0.3197, 0.2052**, and if you desaturate by 10%, it is **58.5121, 0.3170, 0.2500**.

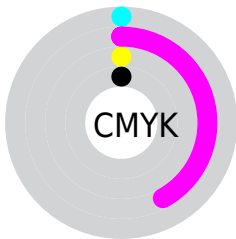
Distribution



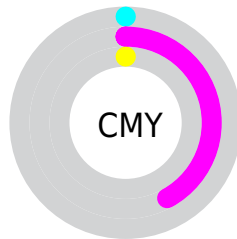
- Red (100%)
- Green (58%)
- Blue (100%)



- Red (100%)
- Yellow (58%)
- Blue (100%)



- Cyan (0%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5956, 0.3184, 0.2265 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 49.5956, 0.3184, 0.2265 by changing the saturation by 10% instead.


 49.5956, 0.3184,
0.2265


 49.5956, 0.3184,
0.2265


385.0824, 0.3174,
0.2723

 35.0922, 0.3182,
0.2165


 89.5754, 0.3184,
0.2420

 23.7339, 0.3179,
0.2045


 115.8206, 0.3183,
0.2481

 15.1363, 0.3171,
0.1897


146.7485, 0.3181,
0.2535

 8.9151, 0.3155,
0.1712

182.7435, 0.3180,
0.2582

 4.6859, 0.3126,
0.1476

224.1900, 0.3178,
0.2623

 2.0642, 0.3066,
0.1170

271.4723, 0.3177,

 0.6444, 0.2946,

0.2660

0.0752

324.9750, 0.3175,
0.2693

0.0000, 0.2727,
0.0000

0.0000, 0.0000,
0.0000

49.5956, 0.3184,
0.2265

49.5956, 0.3184,
0.2265

42.4431, 0.3197,
0.2052

58.5121, 0.3170,
0.2500

36.9344, 0.3208,
0.1871

69.2957, 0.3157,
0.2747

32.9396, 0.3218,
0.1729

82.0454, 0.3143,
0.2997

30.3075, 0.3225,
0.1630

96.8522, 0.3130,
0.3243

■ 28.8559, 0.3230,
0.1575

100.0000, 0.3127,
0.3290

■ 28.3252, 0.3233,
0.1555

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.5956, 0.2371, 0.2006



49.5956, 0.3184, 0.2265



49.5956, 0.4106, 0.2725

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.5956, 0.3184, 0.2265



49.5956, 0.4448, 0.4558



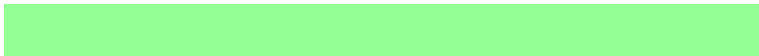
49.5956, 0.1720, 0.2928

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



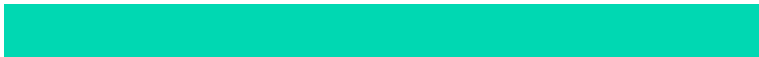
49.5956, 0.3184, 0.2265



79.9871, 0.3061, 0.4585

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.5956, 0.2146, 0.3891



49.5956, 0.3184, 0.2265



49.5956, 0.3714, 0.4943

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.5956, 0.3184, 0.2265



49.5956, 0.4865, 0.3946



49.5956, 0.2872, 0.4740



49.5956, 0.1630, 0.2281

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.5956, 0.3184, 0.2265



49.5956, 0.4597, 0.3107



49.5956, 0.2872, 0.4740



49.5956, 0.1824, 0.3226

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49.5967, 0.3184, 0.2265



80.6227, 0.3144, 0.2971



34.6984, 0.2339, 0.1986



16.6271, 0.3147, 0.2916



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.5967, 0.3184, 0.2265



43.7106, 0.3194, 0.2092



46.6826, 0.3664, 0.2740



18.2972, 0.3140, 0.3058



14.8019, 0.3233, 0.1555



1.4421, 0.3230, 0.1553

Inverse Universe

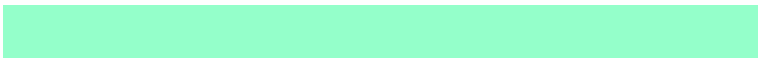
The Inverse Universe completely reimagines the original color for something new.



49.5967, 0.3184, 0.2265



43.7106, 0.3194, 0.2092



82.0573, 0.2803, 0.3927



18.2972, 0.3140, 0.3058



14.8019, 0.3233, 0.1555



1.4421, 0.3230, 0.1553

Previews

White Background



This preview shows how the Yxy color 49.5956, 0.3184, 0.2265 looks on a white background.

Color Contrast Check

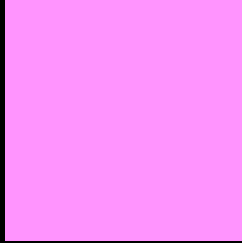
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 49.5956, 0.3184, 0.2265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.5956, 0.3184, 0.2265

Background



This preview shows how black text looks on a background with the Yxy color 49.5956, 0.3184, 0.2265.



This preview shows how white text looks on a background with the Yxy color 49.5956, 0.3184, 0.2265.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

49.5956, 0.3184, 0.2265

Protanopia

50.0249, 0.2522, 0.2468

Deuteranopia

49.7670, 0.2604, 0.2544



Tritanopia

49.4971, 0.3771, 0.3161

Trichromacy



Original Color

49.5956, 0.3184, 0.2265



Protanomaly

48.7308, 0.2724, 0.2367



Deuteranomaly

48.5845, 0.2786, 0.2410



Tritanomaly

49.3438, 0.3554, 0.2807

Monochromacy



Original Color

49.5956, 0.3184, 0.2265



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

50.4040, 0.3148, 0.2843

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5956, 0.3184, 0.2265 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 148, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 148, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 254) }
```

Border

The CSS property to change the border of an element to Yxy 49.5956, 0.3184, 0.2265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 148, 254) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 148, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 148, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5956, 0.3184, 0.2265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
148, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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